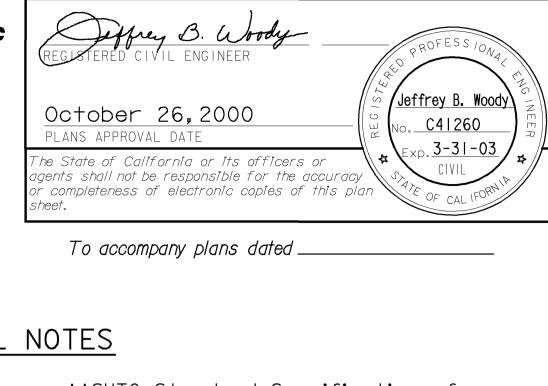
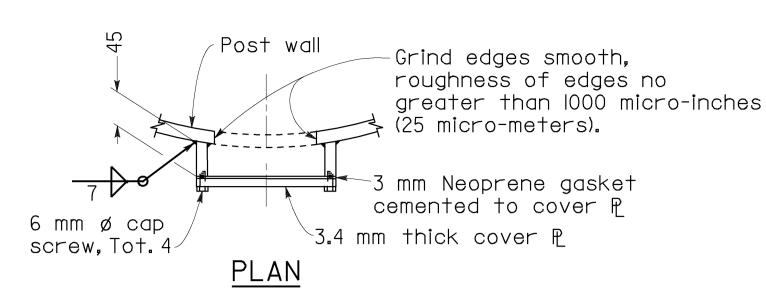
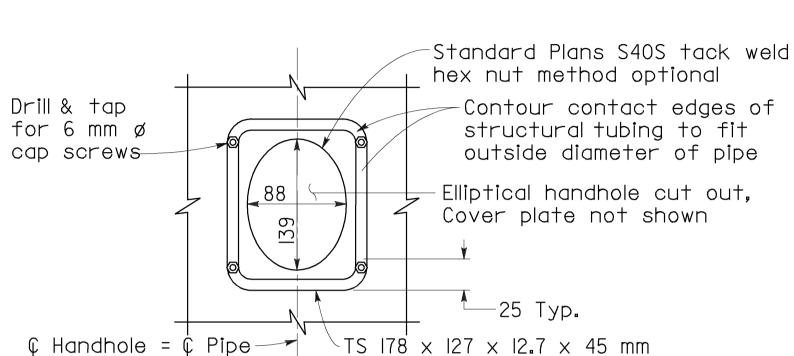


KILOMETER POST SHEET TOTAL TOTAL PROJECT NO. SHEET

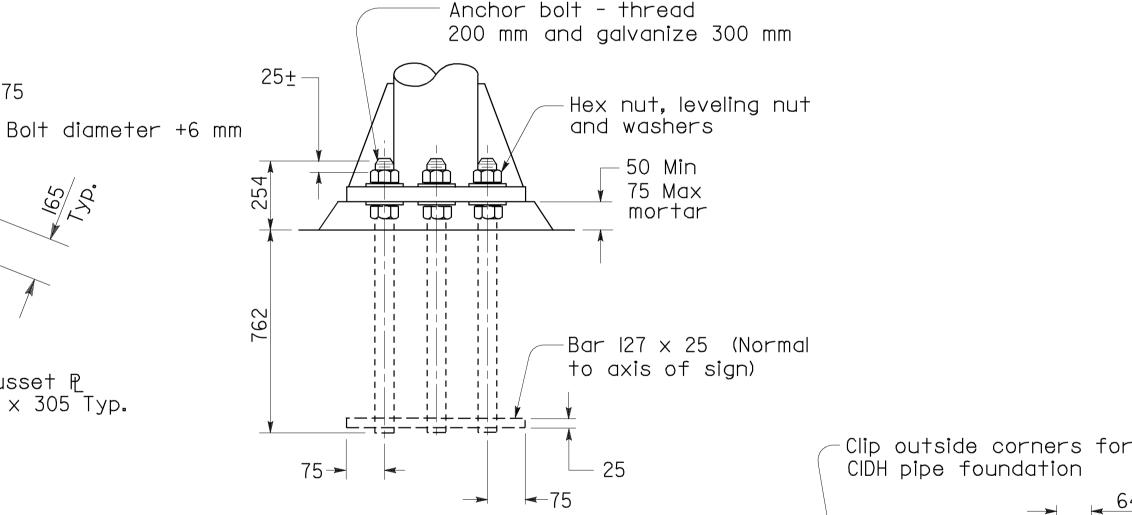


ROUTE

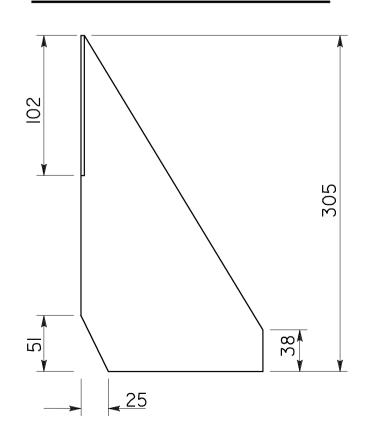




ELEVATION TYPICAL DETAILS OF HANDHOLE AND COVER



ANCHORAGE BOLT



BAR PLAN ANCHORAGE DETAILS

-Bar 127 x 25

GENERAL NOTES

Caltrans

DESIGN: AASHTO Standard Specifications for

Structural Supports for Highway Signs, Luminaires and Traffic Signals, dated 1994.

Standard Specifications and the Special CONSTRUCTION: Provision.

All welding continuous unless otherwise WELDING: noted on the plans. All welding to be done in accordance with the Standard

Specifications.

ST COUNTY

NOTES

- I. Footing shall be placed with long dimensions normal to axis of sign.
- 2. On single post signs the post shall be raked out of the sign frame level.
- 3.51mm ø anchor bolts may be substituted for 45 mm ø bolts. 64 mm ø anchor bolts may be substituted for 57 mm ø bolts.

Post Size		Base Plate	Anchor Bolts	
NPS	(mm)	(mm)	#	Bolt ø
6	7.11	51 × 534 × 534	8	51 mm
6	10.97	$51 \times 534 \times 534$	8	51 mm
8	8.18	51 × 534 × 534	8	51 mm
8	12.7	51 × 534 × 534	8	51 mm
10	12.7	51 × 715 × 715	8	57 mm
12	12.7	51 × 715 × 715	8	57 mm
14	12.7	51 × 715 × 715	8	57 mm
14	19.0	51 × 715 × 715	8	57 mm

"t" = Wall Thickness

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-LIGHTWEIGHT POST DETAILS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S20A DATED OCTOBER 26,2000 SUPERSEDES STANDARD PLAN S20A DATED JULY 1,1999-PAGE 240 OF THE STANDARD PLANS BOOK DATED JULY 1999.

REVISED STANDARD PLAN RSP S20A

SECTION C-C 6 NPS THRU 8 NPS POSTS 10 NPS THRU 14 NPS POSTS BASE PLATE DETAILS

See Detail A

Lower edge of plate

to arm connection

Drill holes, plugs and

handhole required on

illuminated signs only.

Handhole and cover on

on illuminated signs only.

2 Equal

PLAN

 $-\bigoplus$

75 —

75 ø Hole

Thread lower

for hex nut

portion

-Bolt head

ALTERNATIVE BAR

CONNECTIONS

Gusset P 19 x 305 Typ.

7 x 25 backing ring

Weld Termination

Ground Smooth

axis of sign. Required

NOTE

ELEVATION

Anchor P

 $25 \times 127 \times 127 \text{ mm}$

Anchor bar for

SINGLE SIDE BOLT

Gusset PL 19 x 305 Typ.

center bolts

-Bolt diameter

backing ring

Gusset P 19 × 305

Weld Termination

Ground Smooth

or angle at bottom post

Drill and tap for $\frac{3}{4}$ NPS short nipple and

plug with recessed pipe plug. Same side

Lighting Equipment Integral Ballast - Sign

Drill and tap for $1\frac{1}{2}$ NPS chase nipples

-25 mm ø Max galvanizing

Width

2 Equal

spaces

SECTION B-B

drain hole, typ 7 mm clear of backing ring

DETAIL A

as sign face. See "Fluorescent Sign

Control Equipment Installations".

and plug with recessed pipe plugs.

Place perpendicular to sign panel

See Standard Plan ES-15C.

Pipe wall

R = 75 - -

75

Equal spaces

Length

Тур.

Backing

ring -

Tack weld-

axis away from approaching traffic.

GUSSET DETAIL

240

S20A